

Item No. 03

(Court No. 1)

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

(By Video Conferencing)

Original Application No. 97/2021

H.C. Arora

Applicant

Versus

State of Punjab & Ors.

Respondent(s)

Date of hearing: 16.04.2021

**CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON
HON'BLE MR. JUSTICE SUDHIR AGARWAL, JUDICIAL MEMBER
HON'BLE DR. NAGIN NANDA, EXPERT MEMBER**

Applicant: Mr. H.C. Arora, in person

ORDER

1. Grievance in this application is against failure to take remedial action against pollution of water and providing potable water in areas where the available water is polluted. The applicant has, on the basis of information obtaining through RTI, stated that water available in Government Schools in Punjab, drawn from submersible pumps, is not fit for drinking. On test, the water is found exceeding the laid down parameters of Alkalinity, Hardness, Calcium and Total Dissolved Solids (TDS). Details of the schools where contaminated water is being supplied have been mentioned in a tabular form as follows:-

Annexure No.	Date	Name of School	Parameters pointed out in Report
P-1	23.04.2019	Govt. Primary School, Malsian Bajan, Sidhwan Bet, Ludhiana	1. Alkalinity 2. Hardness 3. Calcium
P-2	23.04.2019	Govt. Sr. Sec. School, Malsian Bajan, Sidhwan Bet, Ludhiana	1. Alkalinity 2. Hardness
P-3	23.04.2019	Govt. High School, Jagera, Maloud, Ludhiana	1. Alkalinity 2. Hardness 3. Calcium
P-4	23.04.2019	Govt. Primary School, Pamali, Pakhowal, Ludhiana-I	1. Alkalinity 2. Hardness

P-5	23.04.2019	Govt. Model School, Chandran Shanewal, Ludhiana-I	1. Alkalinity 2. Hardness 3. Calcium
P-6	23.04.2019	Govt. Primary School, Chandran Shanewal, Ludhiana-I	1. Alkalinity 2. Hardness 3. Calcium
P-7	23.04.2019	Govt. Primary School, Rajoana Kalan, Block-Sudhar, Ludhiana	1. Alkalinity 2. Hardness
P-8	30.04.2019	Govt. Primary School, Parjian Biharipur, Block-Sidhwan Bet, Ludhiana	1. Alkalinity
P-9	30.04.2019	Govt. Primary School, Kanian Hussaini, Block-Sidwan Bet, Ludhiana	1. Alkalinity 2. Hardness 3. Calcium 4. TDS
P-10	30.04.2019	Govt. Primary School, Kothe Pona, Jagraon, Ludhiana	1. Alkalinity 2. Hardness 3. TDS
P-11	30.04.2019	Govt. High School, Atiana, Block-Sudhar, Ludhiana	1. Alkalinity 2. Hardness
P-12	30.04.2019	Govt. High School (Girls) Pakhowal, Block-Ludhiana-I	1. Alkalinity 2. Hardness
P-13	30.04.2019	Govt. High School (Girls) Pakhowal, Block-Ludhiana-I	1. Alkalinity 2. Hardness
P-14	30.04.2019	Govt. Primary School (Girls) Pakhowal, Ludhiana-I	1. Alkalinity 2. Hardness
P-15	26.03.2019	Govt. Sr. Sec. School, Ghudani Kalan, Payal, Ludhiana	1. Alkalinity 2. Hardness
P-16	26.03.2019	Govt. Primary School, Ghudani Kalan, Payal, Ludhiana	1. Alkalinity 2. Hardness 3. TDS
P-17	26.03.2019	Govt. Primary School, Galib Khurd, Sidhwan Bet, Ludhiana	1. Alkalinity 2. Hardness
P-18	26.03.2019	Govt. Primary School, Sherpur Khurd, Sidhwan Bet, Ludhiana	1. Alkalinity 2. Hardness
P-19	26.03.2019	Aganwari Center No. 531, Jhameri, Shanewal, Ludhiana-I	1. Alkalinity 2. Hardness
P-20	26.03.2019	Govt. High School, Kheri, Ludhiana	1. Alkalinity 2. Hardness 3. TDS
P-21	26.03.2019	Govt. Middle School, Nangal Khurd, Pakhowal, Ludhiana	1. Alkalinity 2. Hardness
P-22	19.03.2019	Govt. Primary School, Kothe Jeeva, Hathur, Jagraon, Ludhiana	1. Alkalinity 2. Hardness 3. TDS
P-23	19.03.2019	Govt. Primary School, Kothe Baggu, Hathur, Jagraon, Ludhiana	1. Alkalinity 2. Hardness
P-24	19.03.2019	Govt. Middle School, Seikh Daulat, Sidhwan Bet, Ludhiana	1. Alkalinity
P-25	19.03.2019	Govt. Primary School, Seikh Daulat, Sidhwan Bet, Ludhiana	1. Alkalinity
P-26	19.03.2019	Govt. Primary School, Jandiali, CHC, Shanewal, Ludhiana	1. Alkalinity 2. Hardness
P-27	19.03.2019	Govt. Sr. Sec. School, Pamal, Pakhowal, Block- Ludhiana-I	1. Alkalinity 2. Hardness
P-28	19.03.2019	Govt. Primary School, Pamal, Pakhowal, Block- Ludhiana-I	1. Alkalinity
P-29	26.02.2019	Govt. Primary School, Balmiki Ghati, Ludhiana	1. Alkalinity 2. Hardness
P-30	26.02.2019	Govt. Primary Basic School, Jagraon, Ludhiana	1. Alkalinity 2. Hardness
P-31	26.02.2019	Govt. High School, Jandi, Block-Sidhwan Bet, Ludhiana	1. Alkalinity 2. Hardness
P-32	18.02.2019	Govt. Primary School, Agwar Gujran, Block-Jagraon	1. Alkalinity 2. Hardness
P-33	18.02.2019	Govt. Primary School, Lalton Khurd, Pakhowal, Block-Ludhiana-I	1. Alkalinity 2. Hardness
P-34	18.02.2019	Primary School, Swadi Khurd, Block-Sidhwan bet, Ludhiana	1. Alkalinity 2. Hardness
P-35	12.02.2019	Govt. Primary School, Bir Sahanewal Khurd, Block-	1. Alkalinity 2. Hardness

		<i>Ludhiana- I</i>	
P-36	12.02.2019	Govt. Middle School, Kulahar, Block-Dehlon, Ludhiana	1. Alkalinity 2. Hardness
P-37	12.02.2019	Govt. Primary School, Kulahar, Maloud, Ludhiana	1. Alkalinity
P-38	12.02.2019	Govt. Primary School, Sahanewal Khurd, Ludhiana	1. Alkalinity 2. Hardness
P-39	27.09.2018	Govt. High School, Village-Chhajawal, CHC, Hathur Govt. Primary School, Village-Chhajawal, CHC, Hathur	Bacteriologically not safe
P-40	02.09.2019	Govt. Primary School, Rahon, Khanna-1, C.H.C Manupur, Ludhiana Govt. Middle School, Rahon, Khanna-1, C.H.C Manupur, Ludhiana	Bacteriologically not safe
P-41	28.08.2019	Govt. Sen. Sec. School, Village Maksudra, Payal, Ludhiana Govt. Sen. Sec. School, Rasluda, Manupur, Ludhiana Govt. Primary School, Rasluda, Manupur, Ludhiana	Bacteriologically not safe
P-42	02.08.2019	Govt. High School, Gurch, Ludhiana Govt. Primary School, Dangore, Malaut, Ludhiana	Bacteriologically not safe
P-43	15.07.2019	Govt. Primary School, Tanda Kushal Singh, Machhiwara, Ludhiana Govt. Middle School, Model Town, Khanna-I, Ludhiana Govt. Primary School No. 9, Khanna, Ludhiana Govt. Primary School, Rampur (Kaloniyar), Payal, Ludhiana Govt. Sen. Sec. School, Beeja, Manupur, Ludhiana	Bacteriologically not safe
P-44	08.07.2019	Govt. High School, Beghowal, Ludhiana, CNC, Payal, Ludhiana Govt. Primary High School, Beghowal, Ludhiana, CNC, Payal, Ludhiana Govt. Primary School No. 10, Uttam Nagar, Khanna, Ludhiana Govt. Primary School, Bhattian, Block Khanna, Ludhiana Govt. Middle School, Sarwarpur, Manupur, Ludhiana Govt. Middle School, Gharkahnawa, Manupur, Ludhiana	Bacteriologically not safe
P-45	22.02.2019	Govt. Sen. Sec. School, Rajgarh, CHC Payal, Ludhiana Govt. Elementary School, Khanna, Ludhiana Govt. Sen. Sec. Girl School, Machhiwara, Ludhiana Govt. Primary School-II, Machhiwara, Ludhiana Govt. Primary School, Raudi, Manupur Govt. Sen. Sec. School, Raudi, Manupur	Bacteriologically not safe
P-46	08.02.2019	Govt. Primary School, Basti Bazigarh, Shamgarh, Samrala, Ludhiana Govt. Primary School, No. 7, Khanna, Ludhiana	Bacteriologically not safe

		Govt. Primary School, Balio, Machhiwara Govt. Middle School, Balio, Machhiwara Govt. Primary School, Giyaspura, Balio Machhiwara.	
P-47	07.02.2019	Govt. Sr. Sec. School, Jawahar Nagar Govt. Middle School, Labour Colony, Ludhiana Govt. Primary School, Shimlapuri Govt. Middle School, Housing Board Colony, BRS Nagar Govt. Girls High School, Madhopuri Ludhiana	Bacteriologically not safe
P-48	31.01.2019	Govt. Primary School, Sherpur Kalan, Ludhiana Govt. Primary School, Sherpur, Khurd, Ludhiana	Bacteriologically not safe
P-49	29.01.2019	Govt. Primary School, Peeru Banda, Ludhiana-2 Govt. High School, Chawni Mohalla, Ludhiana Govt. Primary School, Division No. 3, Ludhiana Govt. Girls Sen. Sec. School, Division No. 3, Ludhiana. Govt. Sen. Sec. School, Sokhewal, Ludhiana Govt. Primary School, Sokhewal, Ludhiana Govt. Primary School, Taraf Gahilewal, Kum Kalan, Ludhiana	Bacteriologically not safe
P-50	31.01.2019	Govt. Primary School Dholewal, Block Mangat-2, Ludhiana Govt. Model Sen. Sec. School, Millerganj, Dholewal, Ludhiana Govt. Primary School, Committee Baag No. 1, Near Kooper Hospital Govt. Primary School, Kot Mangal Singh, Ludhiana Govt. Primary School, Kot Mangal Singh, Kudhiana Govt. High School, Khudda Mohalla, Kot Mangal Singh, Ludhiana Govt. Middle School, Dugri, Ludhiana Govt. Model Senior Secondary School, Model Town, Ludhiana	Bacteriologically not safe
P-51	28.01.2019	Govt. Sen. Sec. School Manki, Manupur Govt. High School, Heera, Sahnewal Govt. Primary School, Heera, Sahnewal Govt. Primary School, Kakgola, Machiwara Govt. High School, Kakgola, Machhiwara	Bacteriologically not safe
P-52	10.01.2019	Govt. Middle School Bhattian Machhiwara, Ludhiana Govt. Primary School Bhattian Machhiwara, Ludhiana	Bacteriologically not safe
P-53	07.01.2019	Govt. Middle School, Fatehgarh Sahib, Sidhwan Bet Govt. Primary School, Fatehgarh Sahib, Sidhwan Bet Govt Primary School, Kore, Jiwa Hathur, Jagraon Govt Primary School, Kore, Baggu Hathur, Jagraon Govt. Primary School, Chokar Pakhowal	Bacteriologically not safe

		Govt. Sr. Sec. School, Halwara Sudhar Govt. Primary School, Halwara Block Sudhar	
P-54	07.12.2018	Govt Primary School, Rajgarh Tehsil Payal Govt. Sen. Sec. School. Isru	Bacteriologically not safe
P-55	30.11.2018	Govt. Primary Vill, Sunet, B.R.S. Nagar, Ludhiana Govt. High School, Vill, Sunet, B.R.S. Nagar, Kudhiana	Bacteriologically not safe
P-56	26.11.2018	Govt. Primary Gauwal, Sidhwan Bet, Ludhiana Govt. Primary School, CNC, Hathur, Ludhiana Govt. High School (Phullanwal) Pakhowal, Ludhiana Govt. Primary School (Phullanwal) Pakhowal, Ludhiana	Bacteriologically not safe
P-57	26.11.2018	Govt. Primary, Gauwal, Sidhwan Bet, Ludhiana Govt. Primary School, Akalgarh, Sudhar, Ludhiana Govt. Primary School, CNC, Hathur, Ludhiana Govt. High School (Phullanwal) Pakhowal, Ludhiana Govt. Primary School (Phullanwal) Pakhowal, Ludhiana	Bacteriologically not safe
P-58	26.11.2018	Govt. High School, Sarabha Nagar, Ludhiana Govt. Primary School, Sarabha Nagar, Ludhiana	Bacteriologically not safe
P-59	26.11.2018	Govt. Primary School, Machhiwara, Ludhiana Govt. Middle School, Machhiwara, Ludhiana Govt. High School, Manupur, Ludhiana Govt. Primary School, Sahnewal Khurd, Ludhiana Govt. Primary School Sahnewal, Ludhiana Govt. Primary School, Nandpur, Sahnewal, Ludhiana Govt. High School, Salim Tabri, Nanak Nagar, Ludhiana Govt. Primary School No. 2, Khanna, Ludhiana	Bacteriologically not safe
P-60	27.09.2018	Govt. Primary School, Kaalsan	Bacteriologically not safe
P-61	27.09.2018	Govt. High School, Village Chhajjawal, CHC, Hathur Govt. Primary School, Village Chhajjawal, CHC, Hathur	Bacteriologically not safe

2. The is further table mentioned where the water is found to have bacterial contamination is as follows:

Sr. No.	Name of School	Reasons for unfitness of drinking water
1	District Education & Training Institute, Jagraon, Ludhiana (SP) Govt. Primary School Dhandra Jagraon Ludhiana (SP) Govt. Middle School Manuke (Gangagir) Ludhiana (SP)	Bacterial Contamination

	Govt. High School Bingal Ludhiana (TaP)	
2	Govt. Sen. Sec. School Dhamot Kalan, CHC, Payal, Ludhiana (SP)	Bacterial Contamination
3	Govt. High School Jargari CHC, Payal, Ludhiana (SP)	Bacterial Contamination
4	Govt. Primary Girls School, Village Husaini Sidhwanbet, Ludhiana (Tank) Govt. Primary School, Village Parjian, Biharipur, Ludhiana (Tank) Govt. Primary School, Village Gorsian Khan Mohamd Sidhwanbet, Ludhiana (SP)	Bacterial Contamination
5	Govt. Sen. Sec. School, Pakhowal, Ludhiana (SP) Govt. Primary School, Kohara, Ludhiana (SP) Govt. Primary School, Kohara, Ludhiana (SP) Govt. High School, Abbuwal, Ludhiana (SP) Govt. Primary, Abbuwal, Ludhiana (SP) Govt. Primary, Jagraon, Ludhiana (SP)	Bacterial Contamination
6	Govt. Primary School, Khursadpur, Sidhwan Bet (SP) Govt. Middle School, Hujra Sidhwan Bet (SP) Guru Nanak Public High School, Chakar, Hathur (SP) Govt. Sen. Sec. School, Chakar (Hathur) (SP)	Bacterial Contamination
7	Govt. Middle School, Bilga Sahnewal (SP) Govt. Primary School, Bilga S.P. Sahnewal, Ludhiana (SP) Anganwari Centre, Bilga, Sahnewal, Ludhiana (SP)	Bacterial Contamination
8	Govt. Sen. Sec. School Latala (Block Pakhowal) Ludhiana (SP) Govt. Sen. Sec. School (Chhafar) (Block Pakhowal) Ludhiana (SP) Govt. Primary School Agwad Lodho Jagranu (SP)	Bacterial Contamination
9	G.H.S. Khalsa School (SP)	Bacterial Contamination
10	Govt. Sen, School, School, Lakad Bazaar (TAP)-the amount of T.D.S. and Hardness is high. Govt. Primary Basic School, Jagraon (SP) Govt. High School, Kakowal (SP) Govt. Primary School, Kakowal (SP)	Bacterial Contamination
11	Govt. Primary School, Habowal Khurd (TAP) Govt. Sen. Sec. School, Habowal Khurd (SP)	Bacterial Contamination
12	Govt. Sen. Sec. School Kundan Puri (TAP)	Bacterial Contamination
13	Govt. Sen. Sec. School, Jawahar Nagar (SP)	Bacterial Contamination
14	Govt. High School, Shouni	Bacterial Contamination

	Moholla (TAP) Govt. Primary School, xxx Khatti (TAP) Govt. Primary School, Sunat (TAP) Govt. Primary School, Village Harnampura (SP) Govt. Primary School, Village Jaspal Bangar (SP)	
15	Govt. Middle School Dangora (SP)	Bacterial Contamination
16	Govt. Primary School, Andloo (RO) Govt. Central School (Girls) Jagraon (SP) Govt. Primary School, Halwara (SP) Govt. Sr. Sec. School, Halwara (SP) Govt. Middle School, Kakka Komkalan (SP) (T.D.S. & Hardness is High)	Bacterial Contamination
17	Govt. Sr. Sec. School, Mampur (SP) Govt. Sr. Sec. School, Mampur (TAP)	Bacterial Contamination
18	Govt. Middle School, Thakerwal (RO) Govt. Primary School, Chakkar (RO)	Bacterial Contamination
19	Govt. Primary School, Raikot (SP) Govt. High School, Jandi Sidhawan Bat (SP)	Bacterial Contamination
20	Govt. Primary School, Johlan (SP/RO) Govt. Elementary School (Boys), Agwargujra (SP)	Bacterial Contamination
21	Anganwari Center, Sahnewal (TAP) Govt. Middle School, Modern Town Samrala Road, Khanna (SP)	Bacterial Contamination and TDS & Hardness is high
22	Govt. High School, Jaspal Bangar (TAP) Govt. Primary School, Jaspal Bangar Govt. Middle School and Govt. Primary No. 7 Khanna (SP)	T.D.S., Hardness, Calcium is High Bacterial Contamination T.D.S is High Bacterial contamination
23	Anganwari Center No. 3, Saholi (SP)	Bacterial Contamination

”

3. Needless to say that steps are required to be taken against preventing pollution of water and pending such steps, wherever water is contaminated/safe, there is need to take steps for providing safe drinking water. This is primary obligation of the State. For this purpose, there is no need of any further adjudication. What is needed is remedial action by the State Authorities.

Accordingly, we direct the Chief Secretary, Punjab, to look into the matter in co-ordination with the other concerned departments, ascertain the causes of contamination and take remedial action for ensuring supply of safe drinking water in the interest of public health. Meeting with concerned departments for the purpose may be held within a month and further action taken as per decisions so taken.

The application is disposed of.

A copy of this order be forwarded to the Secretary, Government of Punjab by e-mail for compliance.

Adarsh Kumar Goel, CP

SudhirAgarwal, JM

Dr.Nagin Nanda, EM

April 16, 2021
Original Application No. 97/2021
AVT